SEP 0 4 2003
PATENT & TRADEMARK OFFICE

Docket No.: 1459-005B

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled A RECOMBINANT VACCINE AGAINST FISH INFECTIOUS DISEASES, the specification of which

[] is attached hereto [] was filed on as Application Serial No. and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):			Priority Claimed	
Number	Country	Day/Month/Year filed	Yes	No
9803188-3	Singapore	28/09/1998	X	

I hereby claim the benefit under 35 USC §119(c) of any United States provisional application(s) listed below.

Prior Provisional Application(s):	
Application Number	Filing Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U. S. Application(s):		
Serial N .	Filing Date	Status: Patented, Pending, Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) and/or agent(s): Allan M. Lowe, Reg. No. 19,641; Israel Gopstein, Reg. No. 27,333; Benjamin J. Hauptman, Reg. No. 29,310; Kenneth M. Berner, Reg. No. 37,093 and Michael G. Gilman, Reg. No. 19,114. all of

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with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER LLP
DOCKET NUMBER D1459-005B
DECLARATION PAGE 2

Full name of first joint inventor: YOKE MIN SIN

Inventor's signature: Sin Yoke Min DATE Oct.1, 1998

Residence: 86 Coronation Road, Singapore 269482

Citizenship: Singaporean

Post Office Address: c/o INTRO, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260

Full name of second joint inventor: TOONG JIN LAM

Inventor's signature: DATE Oct.1, 1998

Residence: 7 Second Avenue, Singapore

Citizenship: Singaporean

Post Office Address: c/o INTRO, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260

Full name of third inventor: ZHIYUAN GONG

Inventor's signature: DATE Oct.1, 1998

Residence: 113 Clementi Road #07-01, Singapore

Citizenship: Canadian

Post Office Address: c/o INTRO, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260

PTO-103X
(Rev. 8-95)

FILING RECEIPT

OIPE JC32 SEP 04 2003 PATENT & TRADEMARK OFFICE

UNITED STATES ARTMENT OF COMMERCE
Patent and Trademark Offic
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washingt n, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/196,161	11/20/98	1642	$446.00	1459-005B	0	23	4

LOWE HAUPTMAN GOPSTEIN GILMAN & BERNER
2034 EISENHOWER AVENUE
SUITE 200
ALEXANDRIA VA 22314

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Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

YOKE MIN SIN, SINGAPORE, SINGAPORE; TOONG JIN LAM, SINGAPORE, SINGAPORE; ZHIYUAN GONG, SINGAPORE, SINGAPORE.

FOREIGN APPLICATIONS- SINGAPORE 9803188-3 09/28/98

* SMALL ENTITY *

TITLE
RECOMBINANT VACCINE AGAINST INFECTIOUS DISEASE IN FISH

PRELIMINARY CLASS: 424

RECEIVED
JAN 12 1999
Lowe, Hauptman, Gopstein & Berner

DATA ENTRY BY: DAVENPORT, BOBBIE TEAM: 03 DATE: 01/05/99

(see r verse)

SEP 0 4 2003 JC32 PATENT & TRADEMARK OFFICE

Applicant or Patentee: Yoke Min SIN, et al. Attorney's Docket No.: 1459-005B
Serial or Patent No.:
Filed or Issued:
For: A RECOMBINANT VACCINE AGAINST FISH INFECTIOUS DISEASES

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37) CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: NATIONAL UNIVERSITY OF SINGAPORE
ADDRESS OF ORGANIZATION: 10 Kent Ridge Crescent, Singapore 119260

TYPE OF ORGANIZATION:

[X] UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
[] TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) AND 501(c)(3))
[] NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA
(Name of State:)
(Citation of Statute:)
[] WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA
[X] WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
(Name of State:)
(Citation of Statute:)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled A RECOMBINANT VACCINE AGAINST FISH INFECTIOUS DISEASES by inventor(s) Yoke Min SIN, Toong Jin LAM and Zhiyuan GONG described in

[] the specification filed herewith
[] application Serial No. , filed .
[] patent no. , issued .

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or by a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME National University of Singapore
ADDRESS 10 Kent Ridge Crescent, Singapore 119260
[] INDIVIDUAL [] SMALL BUSINESS CONCERN [X] NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: CHOU Siow Kang (Dr)
TITLE IN ORGANIZATION: Director, Industry & Technology Relations Office (INTRO)
ADDRESS OF PERSON SIGNING: National University of Singapore,
10 Kent Ridge Crescent, Singapore 119260

SIGNATURE:
DATE: 1 Oct. 1998

Docket No.: 1459-005B

ASSIGNMENT

WHEREAS WE, Yoke Min SIN, Toong Jin LAM and Zhiyuan GONG of Singapore, respectively, have made a certain new and useful invention as Set forth in an application for United States Letters Patent, entitled A RECOMBINANT VACCINE AGAINST FISH INFECTIOUS DISEASE, executed by us on the date of execution of document, as shown below, and filed concurrently herewith;

AND WHEREAS, NATIONAL UNIVERSITY OF SINGAPORE, a corporation of the Republic of Singapore and having an address of 10 Kent Ridge Crescent, Singapore 119260 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto National University of Singapore, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said National University of Singapore, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Sin Yoke Min

1 Oct. 98
Date

Yoke Min SIN

fu Dong
Witness

1 Oct. 98
Date

Toong Jin LAM

fu Dong
Witness

1 Oct. 98
Date

Zhiyuan GONG

fu Dong
Witness